

Abstract

The invention relates to a joint-site structure for a shaft/disk composite workpiece, in particular for joining a shaft 1 to a connection flange 2 of a hub part of the disk by means of friction welding. A respective defined gap 4, 4' is incorporated between shaft 1 and connection flange 2 of the hub part in front of and behind a joint site 3, this gap 4, 4' preventing the spread of the material softened during the friction welding. The joint-site structure is used, for example, during the joining of a crankshaft and a hub part of a drive wheel.

(Fig. 1)